



2681

Patent
PD-200031#6
TLR
10/15/03IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Date: March 16, 2001
MING U. CHANG ET. AL :
Serial No. 09/584,012 :
Filed: May 30, 2000 : Group Art Unit: 2681
For: MULTI-NODE WIRELESS : Examiner: Craver, Charles R.
COMMUNICATIONS SYSTEM
WITH MULTIPLE
TRANSPONDING PLATFORMS

RECEIVED

INFORMATION DISCLOSURE STATEMENT

MAR 22 2001

Commissioner of Patents
Washington, D.C. 20231

Technology Center 2600

Dear Sir:

The references cited on the enclosed form PTO-1449 (copies of references enclosed) are brought to the attention of the Office in accordance with the duty of disclosure defined in 37 C.F.R. 1.56 since they may be material to the examination of the above-identified patent application.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,
MING U. CHANG ET. ALBy: Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy
Attorney for Applicants
Registration No. 31,505Encl: Form PTO-1449
HUGHES ELECTRONICS CORPORATION
PATENT DOCKET ADMINISTRATION
Bldg. 001, M.S. A109,
P.O.Box 956, El Segundo, CA 90245-0956
Phone: 310-662-9919

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: the Commissioner of Patents, Washington, D.C. 20231, on March 16, 2001.

V. D. Duraiswamy, Reg. No. 31,505
Name of applicant, assignee, or
Registered Representative

V. D. Duraiswamy 3/16/01
Signature Date



Form PTO-1449	Serial Number 09/584,012	Docket 200031
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Ming U. Chang et al.	
(Use several sheets if necessary)	Filing Date May 30, 2000	Group 2681-362

U.S. PATENT DOCUMENTS

RECEIVED

MAR 22 2001

	Document Number	Date	Name	Class	Sub Class
CC	5,444,450	8/22/95	Olds, et al.	342	357
CC	3,544,995	12/1/70	Bottenberg, et al.	342	46
CC	3,384,891	5/1/68	Anderson	342	357
CC	5,387,916	2/7/95	Cohn	342	44
CC	4,897,661	1/30/90	Hiraiwa	342	457
CC	5,006,855	4/9/91	Braff	342	357
CC	4,359,733	11/16/82	O'Neill	343	6.5
CC	4,161,734	7/17/79	Anderson	342	352
CC	4,613,864	9/23/86	Hofgen	343	357
CC	4,994,809	2/19/91	Yung, et al.	342	108
CC	5,099,245	3/24/92	Sagey	342	357
CC	5,410,314	4/25/95	Frush, et al.	342	26
CC	5,525,995	6/11/96	Benner	342	90
CC	4,161,730	7/17/79	Anderson	342	352
CC	2,470,787	5/24/49	Nosker	342	12
CC	5,126,748	6/30/92	Ames et al.	342	353
CC	5,920,284	7/6/99	Victor	342	357.01
CC	5,944,770	8/31/99	Enge et al.	701	707
CC	5,945,948	8/31/99	Buford et al.	342	457
CC	5,969,674	10/19/99	Von der Embse et al.	342	357.17
CC	5,111,209	5/5/92	Toriyama	342	357
CC	5,739,785	3/14/98	Allison et al.	342	357

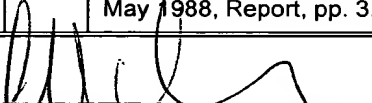
FOREIGN PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
CC	EP 0 335 558	4/10/89	McCaughan et al.		
CC	JP3-291584	12/20/91	Toyota		
CC	JP 09026328	01/28/97	Tokimec Inc.		
CC	JP 2-28580		Mitsubishi Electric Corp (Yamazaki)		
CC	JP 4-27887		Corresponding to USP 5,111,209		
CC	JP 07146995A	06/06/95	Nippondenso Co. LTD (Fumiaki)		
CC	JP 08015405A	01/19/96	NEC Corp (Toshiaki)		
CC	JP 09113600A	05/02/97	Aqueous Res:KK (Hiroki)		
CC	JP 10090391A	04/10/98	Sharp Corp (Koichi, et al.)		
CC	GB 2 306 827 A	05/02/97	Intl Mobile Satellite Org		
CC	GB 2 271 902 A	10/20/93	Caterpillar		



Form PTO-1449
Ming U. Chang et al.
Serial No. 09/584,012

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

CC		Teles J et al.: "Overview of TDRSS" Orbit Determination and Analysis. PSD Meeting, Cospar Technical Panel on Satellite Dynamics, 13 th Cospar Scientific Assembly, Hamburg, Germany, July 11-21, 1994, Advances in Space Research, pp. 67-76
CC		Bricker, P et al.: "Integrated Receiver for NASA Tracking and Data Relay Satellite System", MILCOM 90. A new Era, 1990 IEEE Military Communications Conference, Monterey, CA, USA, Sept. 30 - Oct. 3, 1990, page 1-5
CC		Dunham, J B, et al.: "Onboard Orbit Estimation with Tracking and Data Relay Satellite System Data", Journal of Guidance, Control, and Dynamics, July-August 1983, USA, Vol. 6 NR.4, Pages 292-301
CC		K. H. Bethke, "A Novel Noncooperative Near-Range Radar Network or Traffic Guidance and Control on Airport Surfaces", IEEE Transactions on Control Systems Technology, Vol. 1, No. 3, Sept. 1993
CC		Doc 9524 FANS/4-WP/76, International Civil Aviation Organization, Special Committee on Future Air Navigation Systems, Fourth Meeting, Montreal, 2-20 May 1988, Report, pp. 3.2B-2 & 3.2B-3
Examiner 		Date Considered 12-3-03

PTO-144/Feb93